

IFW



KOMASR.023A

Customer No. 20,995

SUMMARY OF INTERVIEW

Applicant : Denney *et al.*
Appl. No. : 10/690,833
Filed : October 22, 2003
For : LASER HEAD FOR
IRRADIATION AND REMOVAL
OF MATERIAL FROM A
SURFACE OF A STRUCTURE
Examiner : M. Alexandra Elve
Group Art Unit : 1725

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

November 29, 2005

(Date)

William Bunker, Reg. No. 29,365

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Examiner's Use ONLY

- ☐ Discrepancies found, Examiner's Amendment to follow.
- ☐ Record complete and accurate - Interview Record OK

Examiner's Initials: _____

Review Date: _____

Dear Sir:

Pursuant to the Interview Summary of October 31, 2005, Applicant submits this Summary of Interview for recording in the official file.

Attendees, Date and Type of Interview

The interview was conducted in person and attended by the Examiner, M. Alexandra Elve, and Applicants' Representative, William Bunker.

Exhibits and/or Demonstrations

Photos and video of a prototype laser system for material processing.

Identification of Claims Discussed

Claim 1, as amended October 18, 2005:

1. A laser head adapted to irradiate an interaction region of an inhabitable structure with laser light to remove material from the structure, the laser head comprising:

a housing;

a connector coupled to the housing and optically coupled to a laser generator, the connector adapted to transmit laser light from the laser generator;

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at least one optical element contained in the housing and optically coupled to the connector, the optical element adapted to receive laser light from the connector; and

a containment plenum coupled to the housing, the containment plenum optically coupled to the optical element to receive the laser light from the optical element, the containment plenum adapted to confine the material and remove the material from the interaction region resulting from irradiating the structure with the laser light, wherein the containment plenum is either air-cooled or water-cooled.

Identification of Prior Art Discussed

Although the Interview Summary form completed by the Examiner does not indicate that prior art was discussed, it will be noted that the Uraki *et al.* (U.S. Patent No. 5,977,515) and Otsubo *et al.* (U.S. Patent No. 6,507,000) references were discussed in interviews held with the same Examiner in related cases on the same day, and thus were, in essence, discussed in connection with the subject application.

Proposed Amendments

None.

Principal Arguments and Other Matters

The claim taken as a whole is not anticipated or rendered obvious by the cited prior art, either taken along or as in combination.

Results of Interview

Agreement with respect to the claims was not reached.

The Examiner will subject the claim language to further searching on the topic of "a containment plenum which is either air-cooled or water-cooled." Where the Examiner refers to "a containment plenum which is either air-cooled or water-cooled," it was understood by the Examiner and the Applicants' Representative that the phrase is a shorthand or abbreviated phrase used for convenience, and refers to the language of Claim 1, taken as a whole, as set forth above.

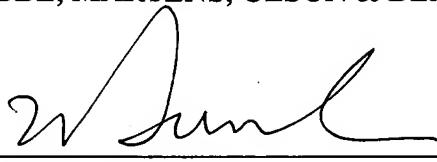
No fees are believed due. However, please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted, -

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KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 11/29/05

By: 

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